

Drawing Amendments

Replacement drawing sheets for figures 1 to 13 (all figures) are attached. Several typo errors in the drawings have been corrected,

5 as requested by the examiner.



Replacement Sheet

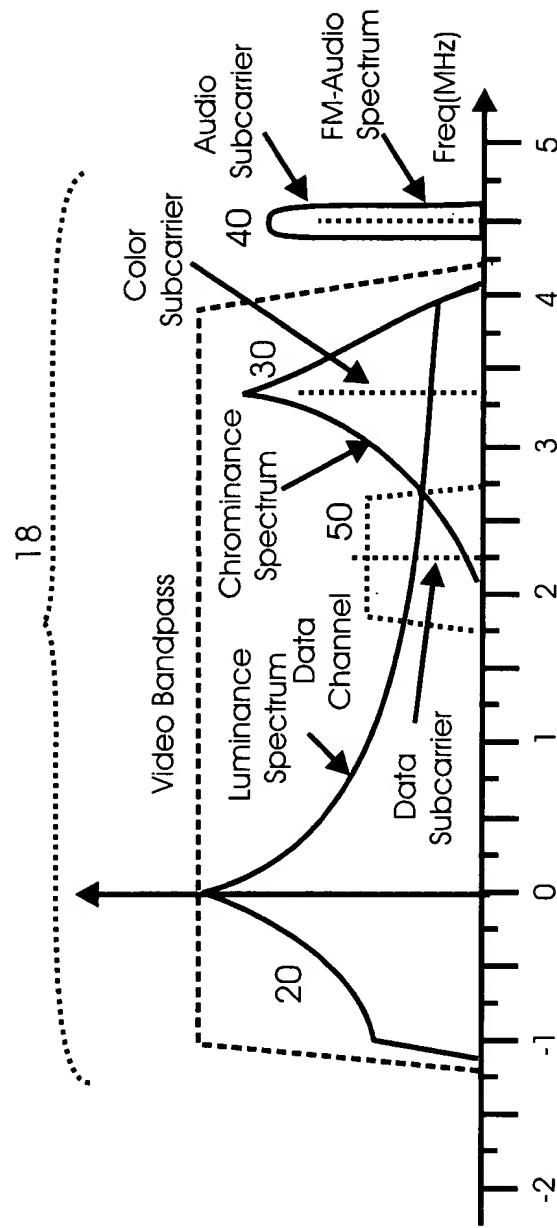


Figure 1. Spectrum of Standard NTSC Signal with Overlay Data Channel



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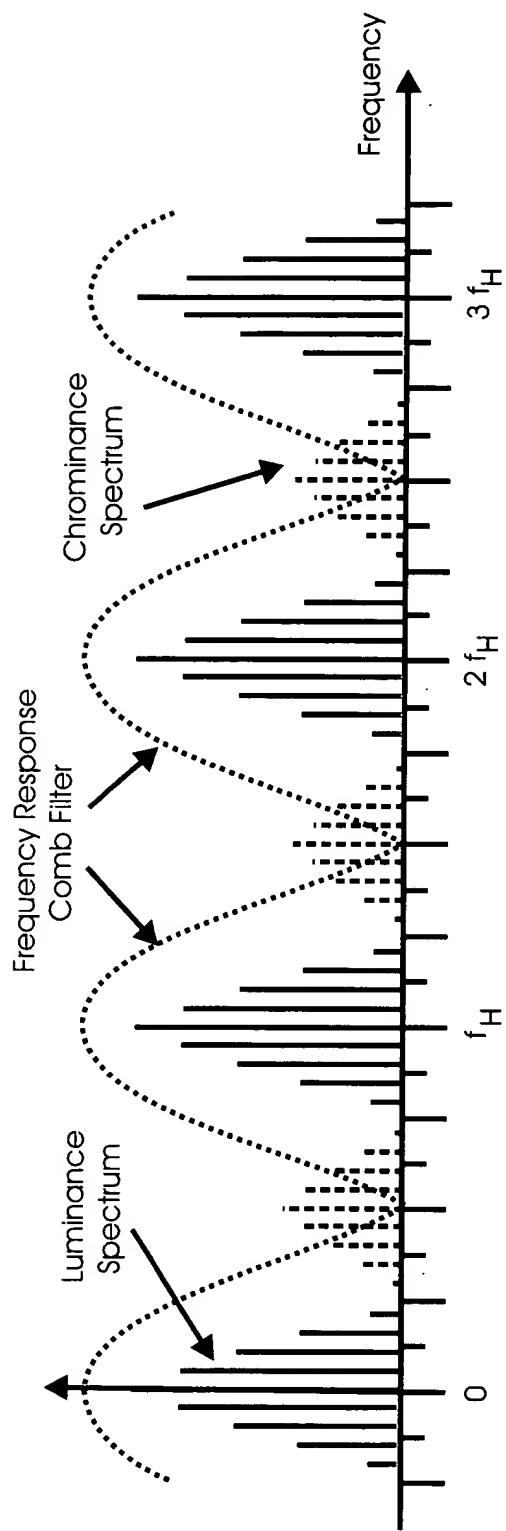


Figure 2. Luminance and Chrominance Spectral Clusters at Multiples of Horizontal Line Frequency and Comb Filter Frequency response that Passes Luminance Spectrum



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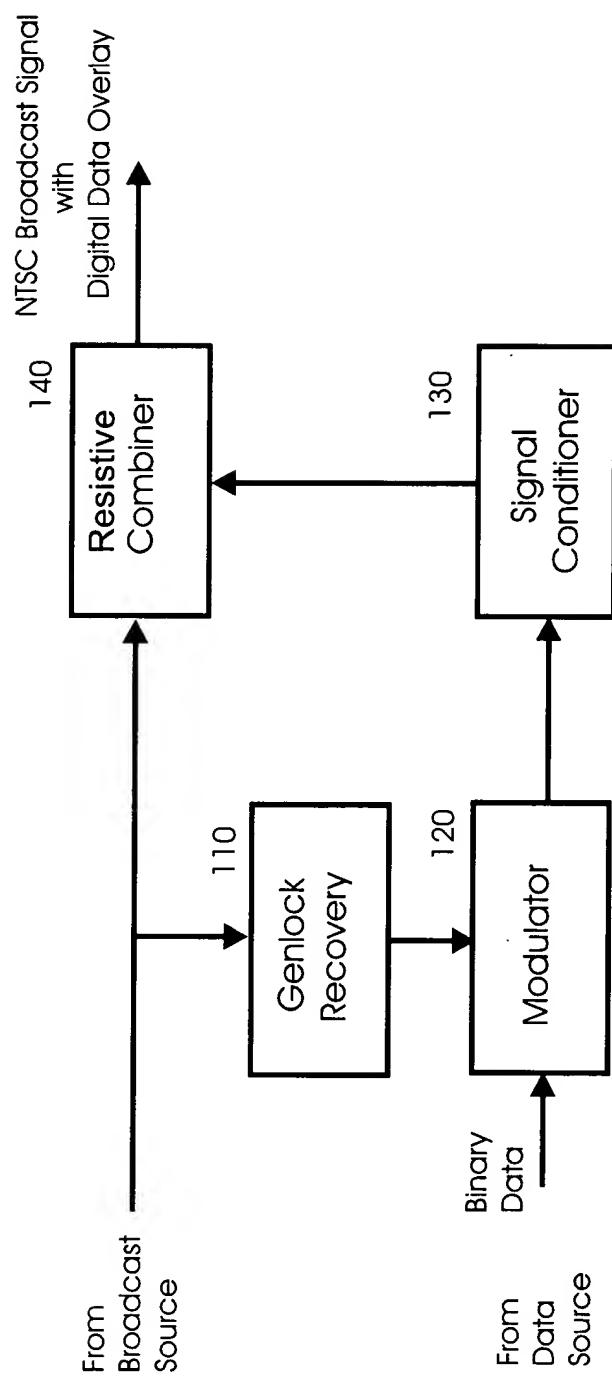


Figure 3. Diagram of Modulator Signal processing Blocks and Signal Flow at Transmitter



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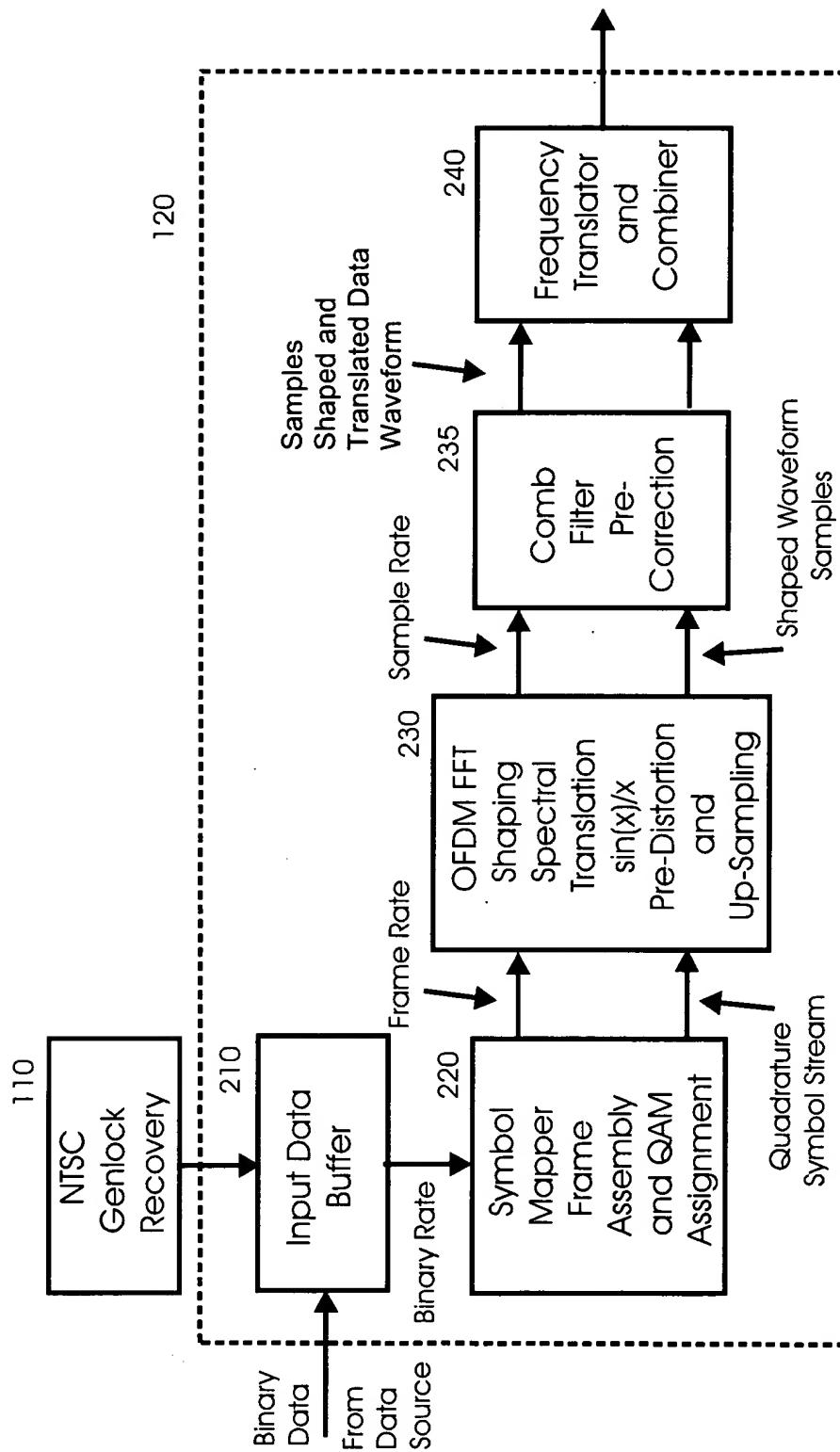


Figure 4. Digital Data Modulator



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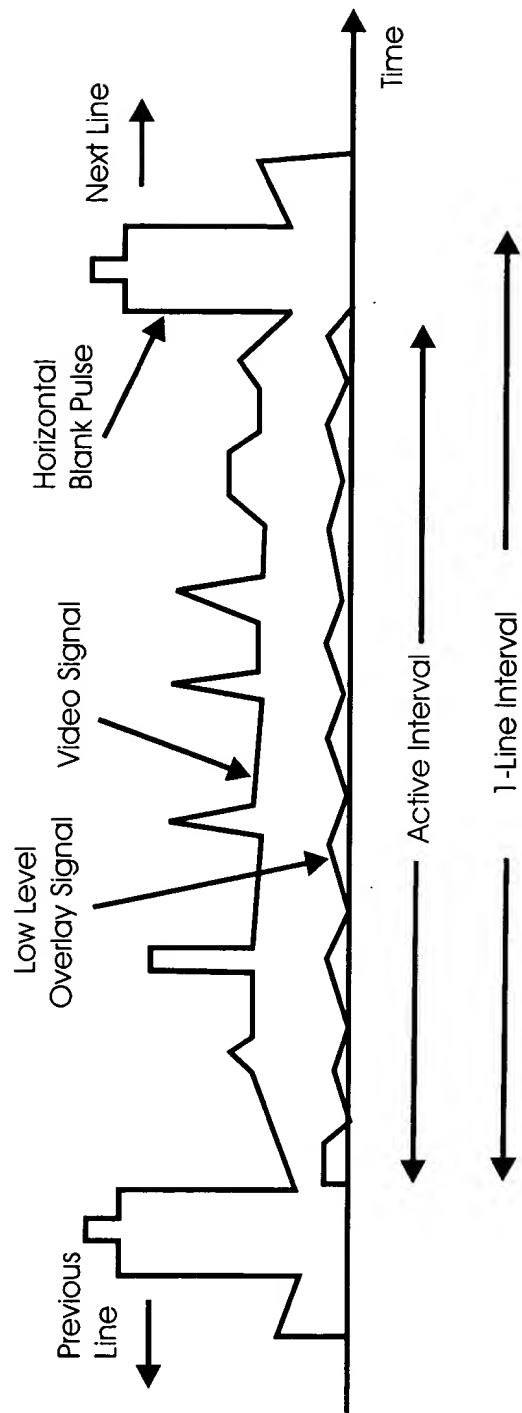


Figure 5. Time Domain Representation of NTSC Horizontal Line Interval Showing Temporal Location of low level OFDM Modulated Data Signal



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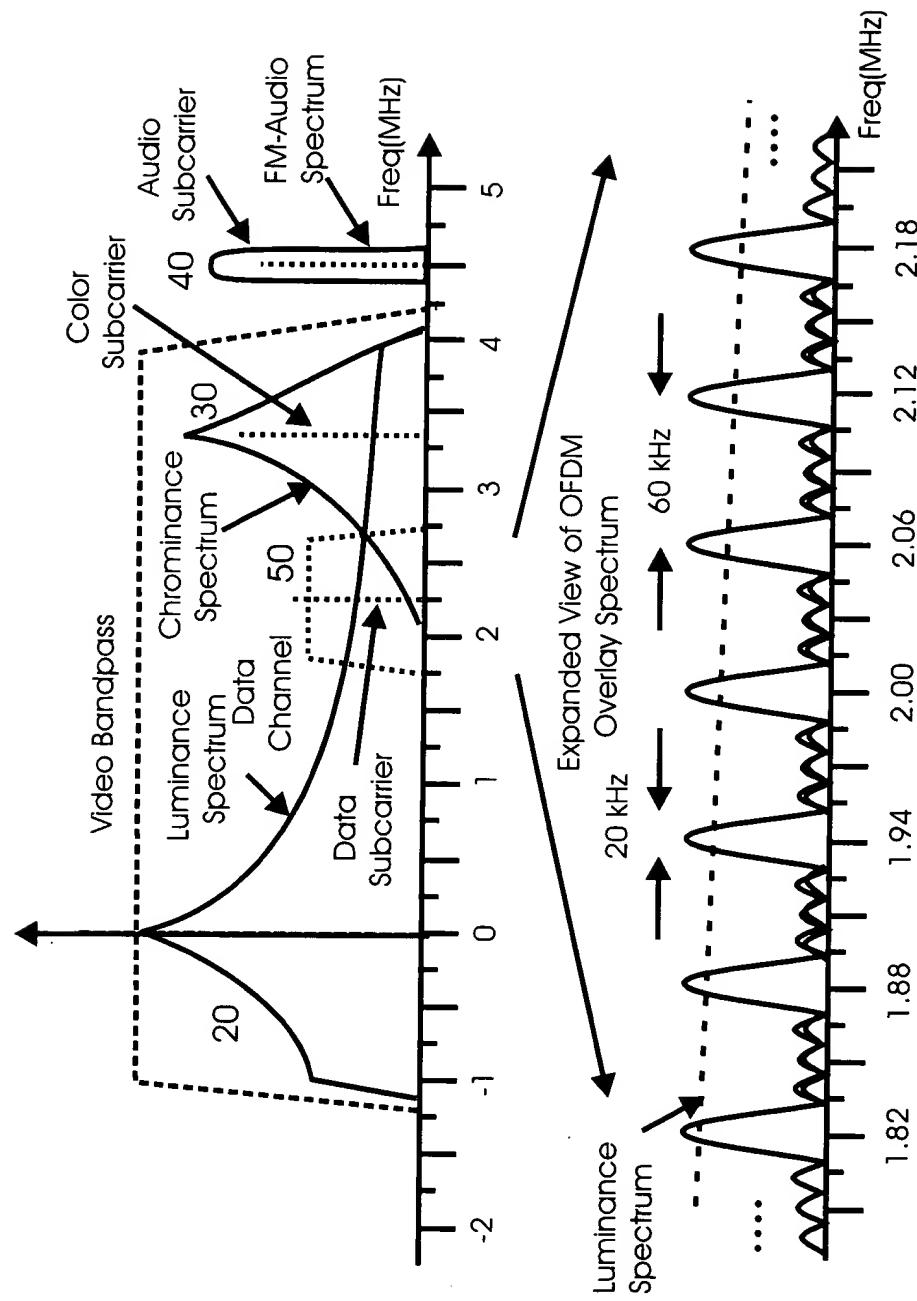


Figure 6. Typical Structure of Modified OFDM Overlay Signal Seen in Expanded Spectral Region Occupied by Data Channel



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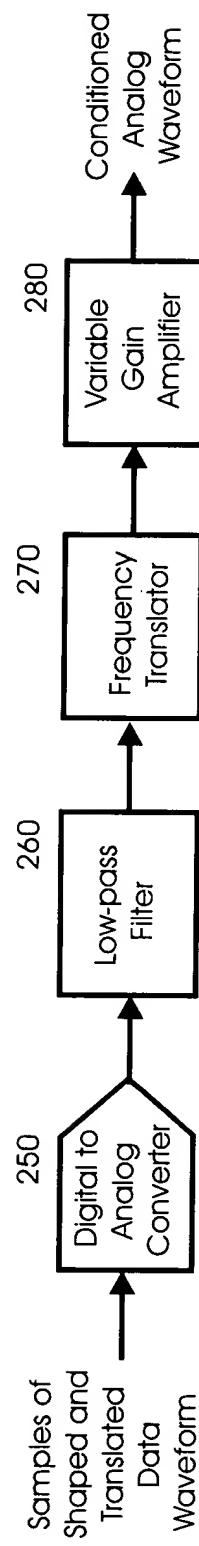


Figure 7. Analog Signal Conditioning Block

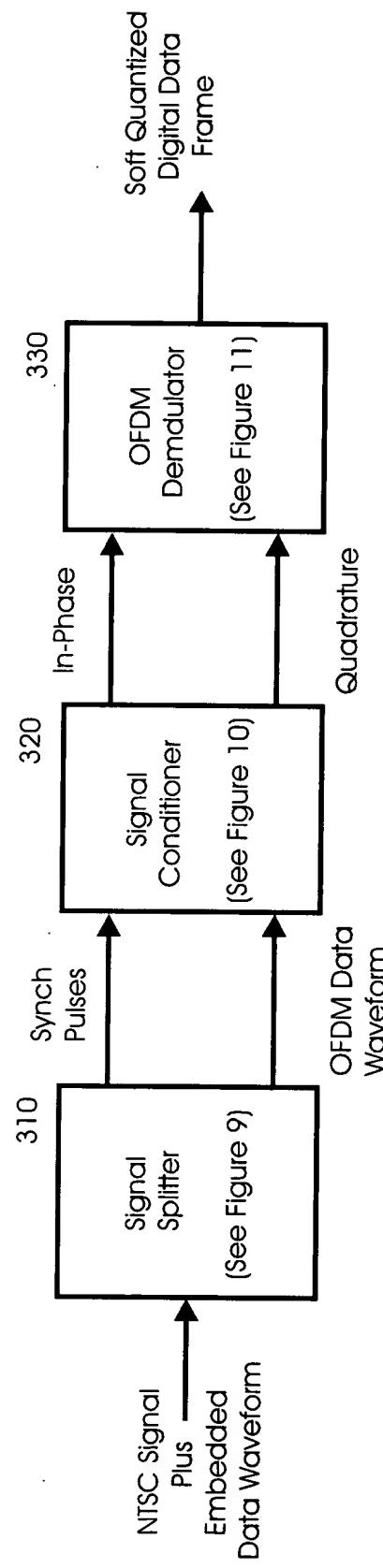


Figure 8. Data Demodulator Signal Flow

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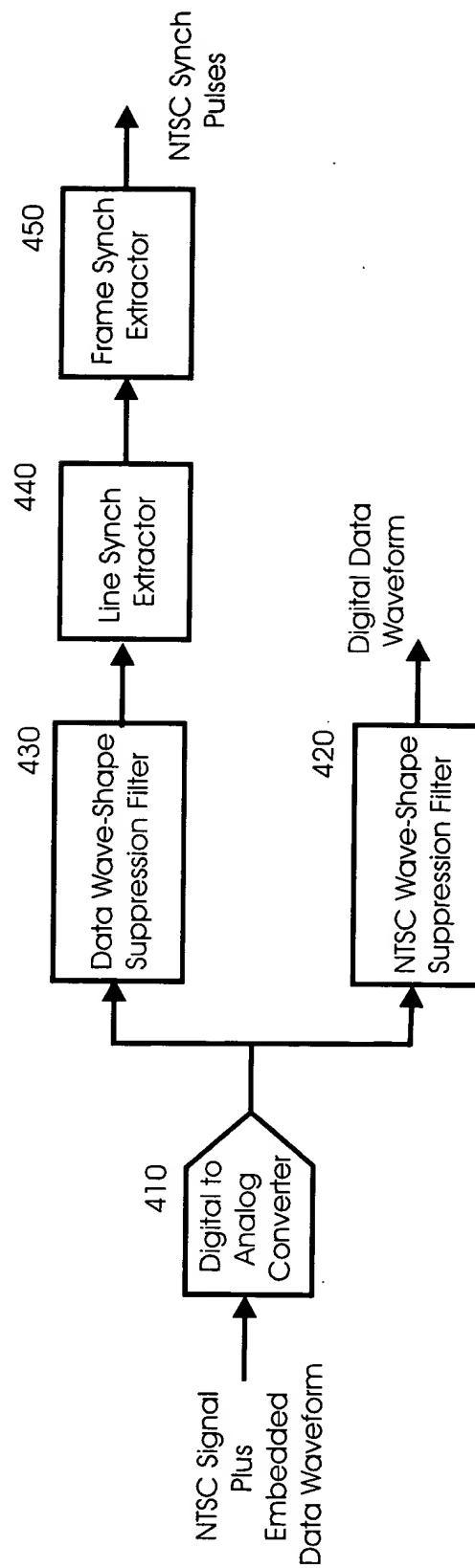


Figure 9. Signal Splitter



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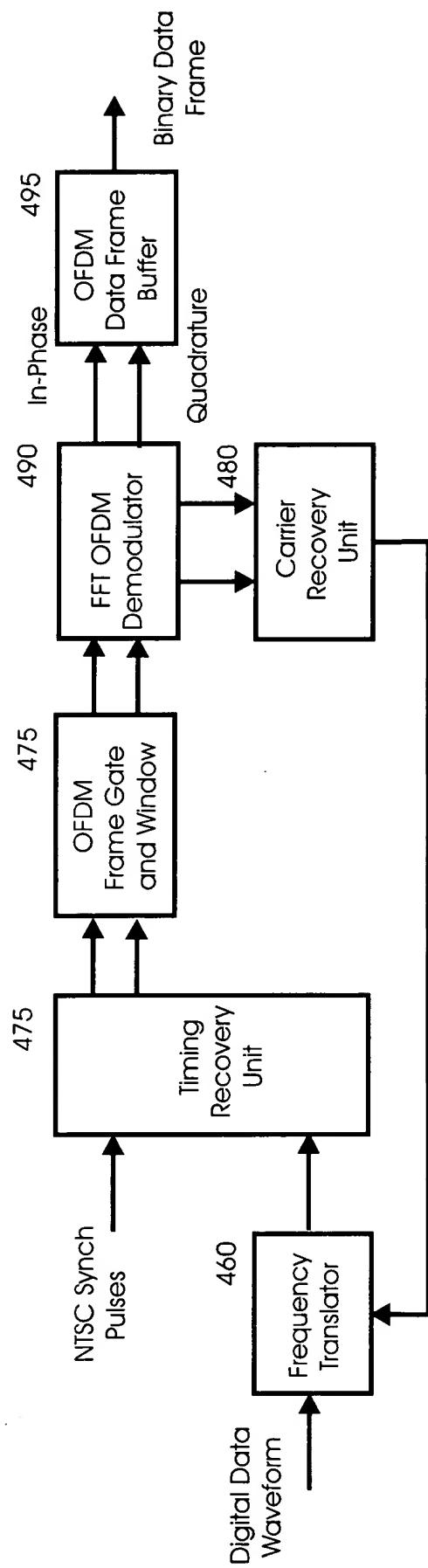


Figure 10. Signal Demodulator



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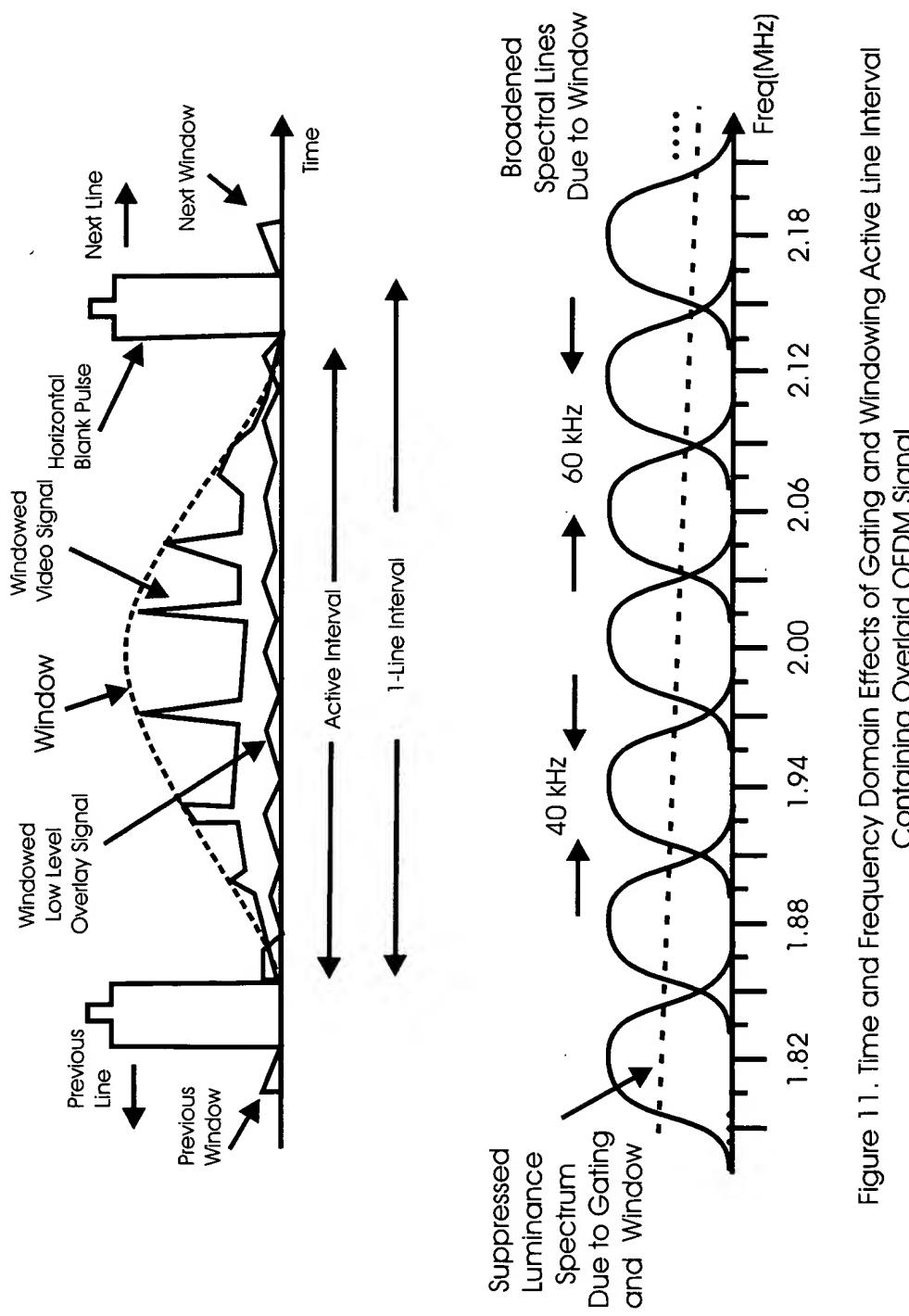


Figure 11. Time and Frequency Domain Effects of Gating and Windowing Active Line Interval Containing Overlaid OFDM Signal



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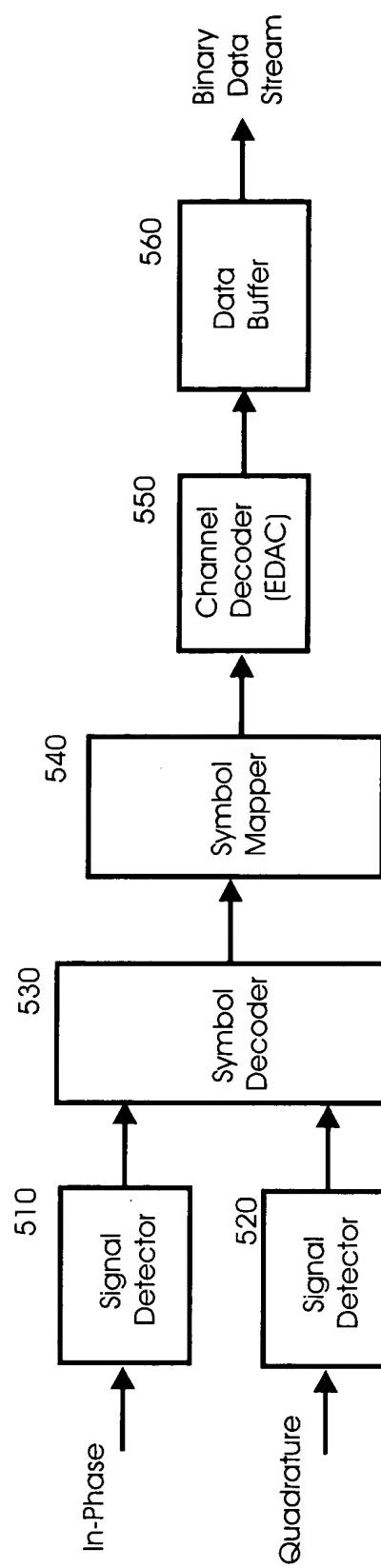


Figure 12. Data Detector and Decoder

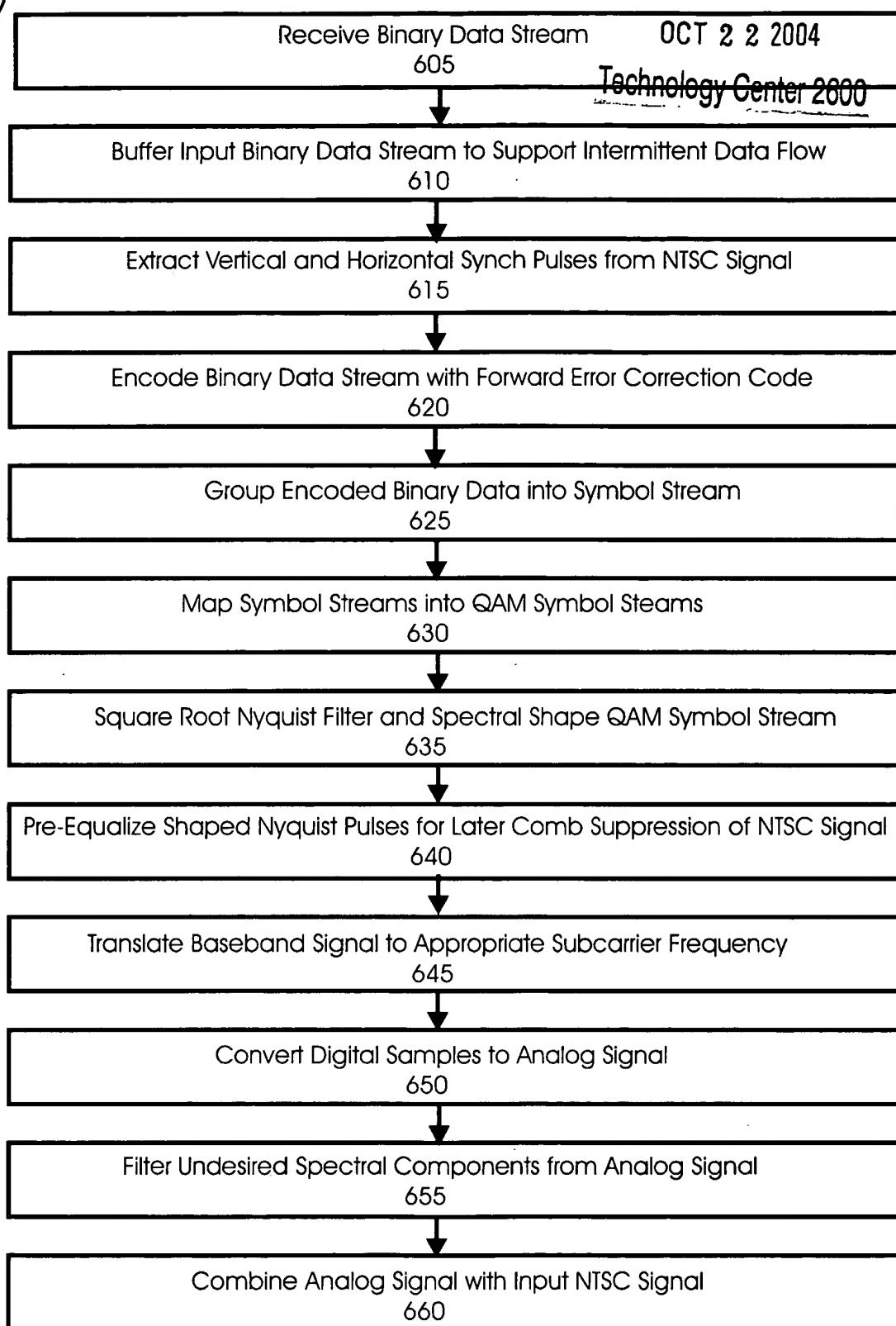
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Figure 13. Signal Processing Flow through Modulator

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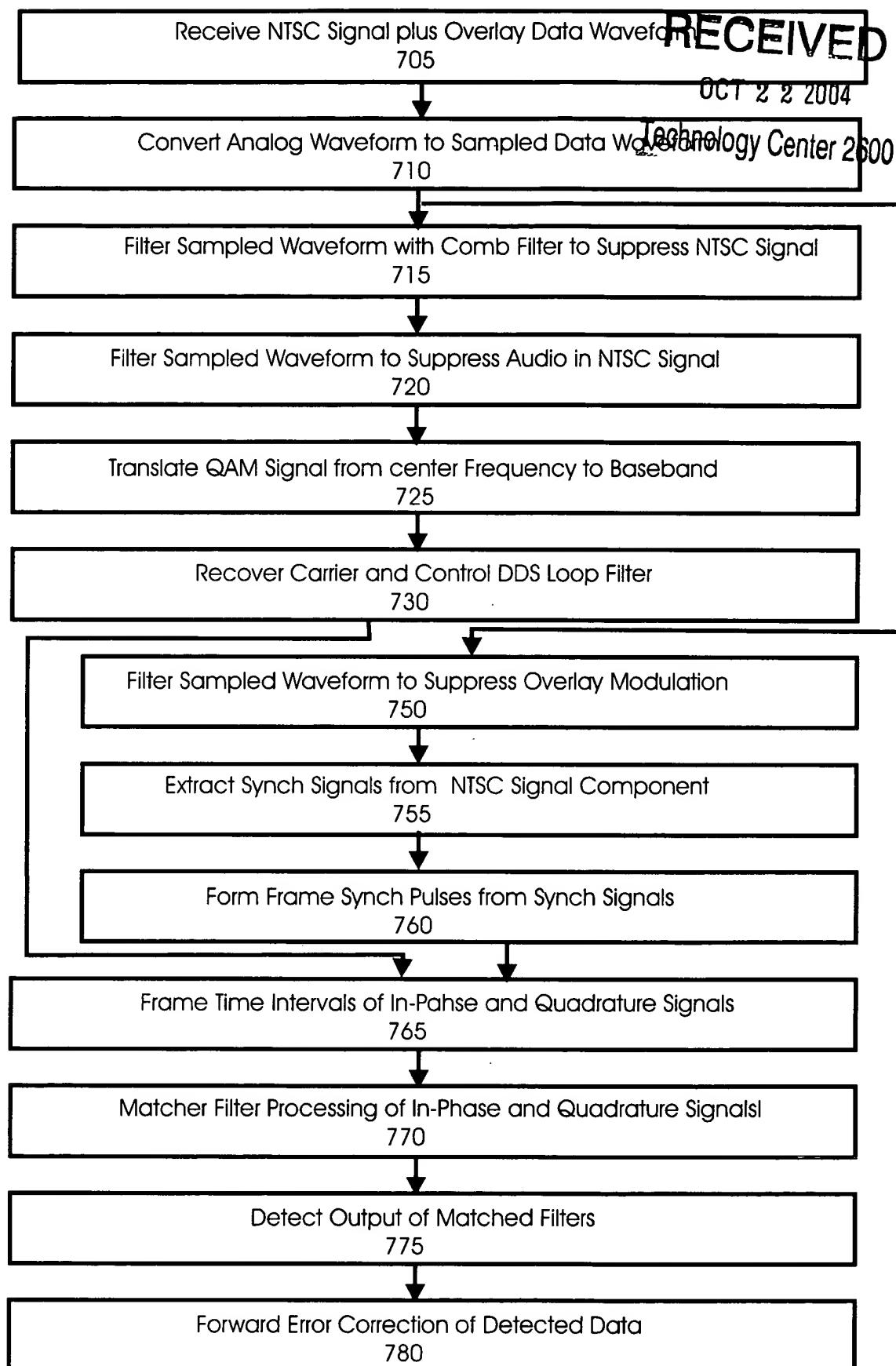


Figure 14. Signal Processing Flow through Demodulator